



भारतीय उष्णदेशीय मौसम विज्ञान संस्थान
INDIAN INSTITUTE OF TROPICAL METEOROLOGY,
(पृथ्वी विज्ञान मंत्रालय का स्वायत्त संस्थान, भारत सरकार के अधीन)
(An Autonomous Institute of the Ministry of Earth Sciences, Govt. of India)

C-050-38.A

Jan 2011

M/s

Sub: Upgradation of LAN from 100 Mbps to 1 Gbps.

Dear Sirs,

Sealed quotations are invited in two bid format from reputed and experienced Network vendors for Turnkey project of “**Upgradation of Institutes LAN from 100 Mbps to 1 Gbps**” on buyback basis for the existing 33 no's of Cisco Switches and their support packs as mentioned in Annexure-II.

You are therefore requested to submit the filled quotations in two bid format complying all the term and conditions as mentioned in Annexure –I so as to reach this Institute on or before 31 Jan 2010 up to 1300 hrs.

Thanking you,

Yours sincerely,

--Sd/--
(Shri.S.M.D.Jeelani)
Head, Computer and Data Division
For Director

तार : ट्रॉपमेट, पुणे Grams : TROPMET, PUNE

फैक्स : Fax : (020) 25893825 दूरभाष : Telephone : 25893600 / 25893675 - 81

डॉ. होमी भाभा मार्ग, पाषाण / Dr. Homi Bhabha Road, Pashan, पुणे/ Pune - 411 008 (भारत / India)

INDIAN INSTITUTE OF TROPICAL METEOROLOGY PUNE 411 008

TERMS & CONDITIONS

ENQUIRY NO: C-050/38-A/2010

Tender Notice No: C-050/38-A/2010

- 1) The Tenderers are requested to give detailed sealed tender in their own forms in two Bids i.e.
Part – I Technical Bid.
Part - II Commercial Bid, both the bids addressed to the Director, Indian Institute of Tropical Meteorology, Dr. Homi Bhabha Road, NCL Post, Pashan, Pune – 411 008, INDIA.
- 2) This tender is not transferable.
- 3) Complete tender document is available on Institute's website <http://www.tropmet.res.in>. If a request is made to IITM for Tender Documents a sum of **Rs.300 (Rs. Three Hundred only) (Non-refundable)** has to be paid in the form of Demand Draft drawn in favour of "The Director, Indian Institute of Tropical Meteorology, Pune" **preferably from Nationalized Bank..**
- 4) Tenders addressed to the Director, Indian Institute of Tropical Meteorology, Pune 411008 are to be submitted for each item in duplicate in double cover, under two bids system. Superscribed with Tender No. for purchase of "**Upgradation of Institutes LAN to 1 Gbps Qty – 01 Set** due on **31 Jan 2011**."
- 5) You have to submit two separate bids in two separate envelopes and you may keep both the bid envelopes in an envelope for sending to us.

One envelope will contain only the TECHNICAL SPECIFICATIONS of the indented equipment.

Another envelope will contain only the financial bid in which price and any other information, which has financial implications, will only be given.

The main envelope, which will contain both the bids, should be super scribed with our **tender enquiry No. C-050/38-A/2010 due on 31 Jan 2011**.
- 6) Please indicate page nos. on your quotation ex. If the quotation is containing 25 Pages, please indicate as 1/25, 2/25, 3/25 -----25/25.
- 7) Cost of the items should be mentioned clearly in the Commercial Offer (Part-II) only and should be quoted in Indian Rupees.
- 8) Last date for the receipt of completed tender is up to 15:00 hrs. on **31 Jan 2011** & **technical bids** will be opened on the same day at 1700 hrs in the presence of the representatives of the vendors present.

- 9) The tender must be valid for a period of at least **90** days from the date of opening.
- 10)The purpose of certain specific conditions is to get or procure best Equipment / service etc. for IITM. The opinion of Technical Committee shall be guiding factor for Technical short listing.
- 11)**Supplier shall finally warrant that all the stores, equipment and components supplied under the SUPPLY ORDER shall be new and of the first Quality according to the specifications and shall be free from all the defects (even concealed fault, deficiency in the design material and workmanship).**
- 12)Tender must clearly indicate the features offered unit price, VAT tax, transport, transit-insurance, installation charges..etc. . **The vendor should mention the price of the equipment and the duties/taxes to be paid such as customs duty/excise duty/VAT/Octroi etc. separately.**
- 13)**The complete equipment including operational manuals should be supplied within stipulated period mentioned in the LOI/supply order and the vendor should install the equipment within fifteen days after the delivery of the equipment.**
- 14) As this Institute is exempted from payment of Custom Duty, Excise Duty and Octroi, exemption certificates will be issued on request.
- 15)The equipments must carry on-site warranty for **Three Years** from the date of taking over of the equipments after the acceptance tests. Warranty period will stand extended for a period of total downtime of the equipments.
- 16)The vendor has to furnish a Bank Guarantee to the extent of 10% of the order value from a nationalized bank in the prescribed format valid for the entire period of warranty including extension if any.
- 17)No advance can be paid.
- 18)The **payment terms** shall be as follows:
- i) 80% payment against delivery.
 - ii) 10% payment after satisfactory installation, and successful completion of acceptance tests and training.
 - iii) 10% payment after execution of Bank Guarantee from a Nationalized Bank and successful completion of acceptance test. The Bank Guarantee will remain valid until the expiry of warranty period including the extensions if any.
- 19)The prices quoted should be firm and irrevocable and not subject to any change whatsoever, even due to increase in cost of raw material components and fluctuation in the foreign exchange rates and excise duty.

- 20) Vendor should arrange appropriate training to the users free of charge, **if required.**
- 21) Indicate the names of the Indian reputed Organizations where you have supplied the similar equipment and may attach the satisfactory performance report of the Similar work from user Organization.
- 22)a) If you have supplied identical or similar equipment to other Institutes under Ministry of Earth Sciences and Ministry of Science & Technology, the details of such supplies for the preceding three years should be given together with the prices eventually or finally paid.
- b) Based on the above information IITM will have its option to obtain details of the equipment, their performance, after sales services etc. for evaluation of the tender, directly from the concerned Labs. /Scientists etc.
- 23) The Institute is autonomous scientific research organization under the Ministry of Earth Sciences and is a recognized center for studies leading to M.Sc. and Ph.D. of the University of Pune and various other Universities. As such, all possible concessions / discounts / rebates applicable for educational Institutions may be given.
- 24) Any upgrade of OS and associated other software during the warranty period should be supplied free of charge.
- 25) The vendor should have appropriate facilities and trained personnel for supply, installation and warranty-maintenance of the equipment to be supplied. Detailed information in this regard may be furnished.
- 26) Kindly attach a copy of your latest DGS&D, New Delhi registration Certificate under the compulsory Scheme of Ministry of Finance regarding the registration of Indian Agent of foreign supplier wherever it is applicable.
- 27) The Tenderer is required to furnish the Permanent Account Number (PAN) Allotted by the Income Tax Department. If registered with the National Small Industries Corporation, the registration number, purpose of registration and the validity period of registration' etc. should also be provided in Technical Bid for Indian Agents.
- 28) Vendor should clearly mention the following:
- **Make and model of every item quoted.**
 - Delivery period.
 - Company profile with a list of those institutes/users should be attached where vendor has supplied the equipments in question in past.
 - A letter of AUTHORISED REPRESENTATIVE from the Principal should invariably be attached with quotation
 - A copy of latest Income Tax clearance Certificate from Income Tax Department (INDIA)

- 29) **The vender should compulsorily quote for the buyback of existing switches as per Annexure II. Discount offered towards the buyback should be mentioned clearly in the commercial bid only.** Lowest party will be evaluated based on quote for upgradation BOQ minus the buyback value offered.
- 30) Octroi payment if any, the same may please be shown separately.
- 31) The Tenderers are requested to quote for Educational Institutional Price for equipment, since we are eligible for the same.
- 32) Acceptance tests to be prescribed later will be carried out after installation and the items will be taken over only after successful completion of the acceptance tests.
- 33) The equipments are required to be installed at **IITM, Pune** and subsequently Training is to be provided to the concerned persons of the Institute, **if required.**
- 34) The equipment will be networked by the vendor in the existing **LAN** of the Institute.
- 35) The item should be supplied with manuals and the manuals including technical / Electronic drawings / circuit diagrams should be complete in all respects to operate the system without any problem.
- 36) The Tenderer has to state in detail the Electrical Power/UPS requirements, floor Space, head room, foundation needed and also to state whether Air-conditioned environment is needed to house the system and to run the tests. i.e. pre-installation facilities required for installation may please be intimated in the technical bid. *
- 37) Goods should not be dispatched until the Vendor receives a firm order.
- 38) The Date and Time of opening for Part-II (Commercial Bid) will be intimated only to pre-qualified and technically acceptable Tenderers for the item at a later date.
- 39) **Earnest Money Deposit:**
- a) **The Earnest Money Deposit of Rs. 1,00,000/- (Rs. One lakh only) must be paid / sent along with your technical bid in the form of a Demand Draft, Banker cheque or Bank Guarantee (from a Nationalized Bank only) drawn in favour of The Director, Indian Institute of Tropical Meteorology, Pune payable at Pune, otherwise your technical & financial bids will not be considered at all.** The Earnest Money of successful bidder will be returned only after installation, satisfactory demonstration and on acceptance of the equipment by the user Scientist / HOD as per the terms of our purchase order. If the successful bidder fails to fulfill the contractual obligations before the due date, he will forfeit the EMD.
- The Earnest Money of the unsuccessful bidder whose technical bid has not been found suitable will be returned within **One Month** after receipt of Technical Committee recommendations.
- b) Those who are registered with Central Purchase Organization (e.g. DGS&D), National Small Industries Corporation or the concerned Ministry / Department need not to furnish EMD along with their bids.
- c) Though EMD has to be submitted by Demand Draft, Banker's Cheque or Bank Guarantee, we prefer to have Bank Guarantee for easy return to the

bidders once a decision is taken by IITM. (Specimen of Bank Guarantee is enclosed at Annexure 'A').

d) Tenders not accompanied with Demand Draft I Bank Guarantee towards "Earnest Money Deposit" will summarily be rejected.

40) Part and incomplete tenders are liable to be rejected.

41) Conditional Offers will not be considered.

42) The tenders must be clearly written or typed without any cancellations / corrections or overwriting.

43) Fax / E-mail / Telegraphic / Telex tenders will not be considered.

44) IITM will not be responsible:

a) For delayed / late quotations submitted / sent by Post / Courier etc.

b) For submission / delivery of quotations at wrong places other than the Office of Director, IITM, Pune – 411 008.

45) If the supplier fails to Supply and Install the system as per specifications mentioned in the order within the due date, the Supplier is liable to pay liquidated damages of one percent value of the Purchase Order awarded, per every week delay subject to a maximum of 10% for every week beyond the due date and such money will be deducted from any money due or which may become due to the supplier.

46) Venders should submit a bar chart along with technical bid for supply of equipment and for completion of work, failing which technical bid shall not be considered. The entire project is expected to be completed within (5 weeks for equipment supply + 15 days for completion) 7-8 weeks from date of Issue of LOI.

47) In case of any dispute regarding part-shipment, non-compliance of any feature etc., the Director, Indian Institute of Tropical Meteorology, Pune will be the final authority to decide the appropriate action and it will be binding on the vendor.

48) The quantity is likely to be increased in future.

49) The vendor should be Cisco, India authorized and needs to submit manufacturer's authorization form with tender enquiry number listed.

50) The Vendor Should give an SLA for (24X7) support valid for three years with 2 hours response time and same day resolution.

51) The vendor needs to have a full fledged office, PoC or testing centre to showcase and test the functionality of the ordered equipments in Pune.

- 52) The vendor should have a full fledged office in Pune, with sufficient Cisco Certified Engineers on his pay roles and relevant documents are to be produced.
- 53) The vendor should have supplied and deployed similar kind of Installation (Gigabit LAN solutions) in govt. Institutes Like IITM (research and educational). Completion certificate for the same should be enclosed.
- 54) The vendor should conduct survey on any of the working days and working hours, if needed, so as to ensure the completion of entire project since it will be awarded on turnkey basis.
- 54) Last Date and Time for receipt of Tenders: **Upto 1300 hrs. on 31 Jan 2011.**
- 55) Date and Time of opening of Tenders : **At 1700 hrs. on 31 Jan 2011.** (Part - I Technical Bid only).
- 56) Director reserves the right to reject any or all tenders without assigning any reason.

**--Sd/--
(S M D Jeelani)
Head Computer Division
For Director**

Tel: 020-25904213

BID SECURITY FORM

Whereas 1 (hereinafter called " the Bidder") has submitted its bid dated (date of submission of bid) for the supply of _____ (name and/or description of the goods)(hereinafter called "the Bid").

KNOW ALL PEOPLE by these presents that WE _____ (name of bank) of (name of the country), having our registered office at (address of bank)(hereinafter called "the Bank"), are bound unto (name of Purchaser) (hereinafter called "the Purchaser") in the sum of _____ for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors, and assigns by these presents. Sealed with .the Common Seal of the said Bank this ___day of 20___ THE CONDITIONS of this obligation are:

1. If the Bidder withdraws it's bid during the period of bid validity specified by the Bidder on the Bid Form; or
2. If the Bidder, having been notified of the acceptance of it's bid by the Purchaser during the period of bid validity:
 - a) fails or refuses to execute the; Contract Form if required; or
 - b) fails or refuses to furnish the performance security, in accordance with the Instruction to Bidders.

We undertake to pay the Purchaser up to the above amount upon receipt of its first written demand, Without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it , owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee shall remain in force up to one year after the period of the bid validity, and any demand in respect thereof should reach the Bank not later than the above date.

(Signature of the Bank)
Name of Bidder.

SPECIFICATIONS**Active Components (MAKE CISCO ONLY)****Item No. 1 : core chassis upgradation for****(6 slot 4500 E series chassis switch (existing) with SUP6L-E engine)**

SL No.	Description	Quantity
01	Catalyst 4500 E-Series 6-Port 10GbE (X2) line card	02 Nos
02	10GbaseSR module X2 (for multi mode fiber)	09 Nos
03	Associated 10G Cisco license upgrade, as required	1 lot
04	1000SX uplink interface module	23 Nos
05	Three years 24x7x4 onsite advance hardware replacement warranty	For all the above

Item No 2 : Distribution switches migration

SL No.	Description	Quantity
01	Catalyst Switch : 48 GigE PoE 740W, 2 x 10G SFP+ LAN Base, stackable	11 Nos
02	Catalyst switch : 24 GigE PoE 370W, 4 x SFP LAN Base, stackable	09 Nos
03	Catalyst switch : 48 GigE PoE 740W, 4 x SFP LAN Base, stackable	01 Nos
04	Stacking module for above switches, includes 50cm stack cable	12 Nos
05	10GBASE-SR SFP Module (for MMF) for above access switches	09 Nos
06	1000SX uplink interface module	23 Nos
07	1000T SFP to uplink server farm switch	02 Nos
08	Three years comprehensive on site warranty with 8x5xNBD cover	For all the above

Item No. 3**Services (active Components)**

SL No.	Description	Quantity
01	Device configuration – which includes Voice and data VLANs, stacking, uplink aggregation and redundancy, on site engineer deployment support for 3 months, configuration of network management software, activation of 10G & 1G backup etc	One set

Passive Components: (Make: Molex, AMP, systemax, Crone only)**Item No. 4**

SL No.	Description	Quantity
01 *	6 core 50 micron Multi Mode Indoor combined with Armoured outdoor fiber cable 10G ready	1000 Mtrs (Approx)
02	12 port LIUs with 3 dual port adapter loaded MMF	16 Nos
03	SC adapter (dual port)	48 Nos
04	48 port LIUs fully loaded	02 Nos
05	SC connectors MMF	192 Nos
06	SC-SC fiber patch chord (Multi Mode Fiber) for 10G link	18 Nos
07	LC-SC fiber patch chord (Multi Mode Fiber) for 1G link	46 Nos
08	PVC pipes (2 inch)	1000 mtrs approx

Item No. 5

Services (passive components)

SL No.	Description	Quantity
01 *	Laying of fiber cable	1000 mtrs approx)
02	Fiber termination at LIUs	96 cores
03	Fixing of LIUs	18 Nos
04	End to end testing of fiber ports for 10G and 1G ports	For all the above
05	Laying of PVC pipes	1000 mtrs approx
06	Three years onsite comprehensive warranty, service and support	For all the above complete passive items and works.

--Sd/--
(S M D Jeelani)
Head Computer Division
For Director

Tel: **020-25904213**

Buyback of 33 nos of 2960-24TT-L switches (presently under warranty)

CISCO SWITCHES Under CISCO Contract			
Cisco Contract No 91292664			
Sr. No.	Device Type/Switch	Serial Number	IOS Version
1	Cisco WS-C2960-24TT-L	FOC1134X0QC	12.2(35)SE5-LAN-BASE
2	Cisco WS-C2960-24TT-L	FOC1134X0QB	12.2(35)SE5-LAN-BASE
3	Cisco WS-C2960-24TT-L	FOC1229Y39V	12.2(35)SE5-LAN-BASE
4	Cisco WS-C2960-24TT-L	FOC1229Y3A4	12.2(35)SE5-LAN-BASE
5	Cisco WS-C2960-24TT-L	FOC1234Y1K7	12.2(35)SE5-LAN-BASE
6	Cisco WS-C2960-24TT-L	FOC1134W4UV	12.2(35)SE5-LAN-BASE
7	Cisco WS-C2960-24TT-L	FOC1134W0J8	12.2(35)SE5-LAN-BASE
8	Cisco WS-C2960-24TT-L	FOC1134W0NK	12.2(35)SE5-LAN-BASE
9	Cisco WS-C2960-24TT-L	FOC1238Z4GZ	12.2(35)SE5-LAN-BASE
10	Cisco WS-C2960-24TT-L	FOC1134X0GN	12.2(35)SE5-LAN-BASE
11	Cisco WS-C2960-24TT-L	FOC1134W0PV	12.2(35)SE5-LAN-BASE
12	Cisco WS-C2960-24TT-L	FOC1134X0XG	12.2(35)SE5-LAN-BASE
13	Cisco WS-C2960-24TT-L	FOC1134X0PH	12.2(35)SE5-LAN-BASE
14	Cisco WS-C2960-24TT-L	FOC1229U3RE	12.2(35)SE5-LAN-BASE
15	Cisco WS-C2960-24TT-L	FOC1237V3PR	12.2(35)SE5-LAN-BASE
16	Cisco WS-C2960-24TT-L	FOC1134X0GR	12.2(35)SE5-LAN-BASE
17	Cisco WS-C2960-24TT-L	FOC1134W0PW	12.2(35)SE5-LAN-BASE
18	Cisco WS-C2960-24TT-L	FOC1230U427	12.2(35)SE5-LAN-BASE
19	Cisco WS-C2960-24TT-L	FOC1230X4PH	12.2(35)SE5-LAN-BASE
20	Cisco WS-C2960-24TT-L	FOC1134X0QT	12.2(35)SE5-LAN-BASE
21	Cisco WS-C2960-24TT-L	FOC1311Z5LM	12.2(35)SE5-LAN-BASE
22	Cisco WS-C2960-24TT-L	FOC1134Z03R	12.2(35)SE5-LAN-BASE
23	Cisco WS-C2960-24TT-L	FOC1134W0N5	12.2(35)SE5-LAN-BASE
24	Cisco WS-C2960-24TT-L	FOC1134X0TS	12.2(35)SE5-LAN-BASE
25	Cisco WS-C2960-24TT-L	FOC1134X0XK	12.2(35)SE5-LAN-BASE
26	Cisco WS-C2960-24TT-L	FOC1134X0Q6	12.2(35)SE5-LAN-BASE
27	Cisco WS-C2960-24TT-L	FOC1229Y2N6	12.2(35)SE5-LAN-BASE
28	Cisco WS-C2960-24TT-L	FOC1134W0N7	12.2(35)SE5-LAN-BASE
29	Cisco WS-C2960-24TT-L	FOC1331X052	12.2(35)SE5-LAN-BASE
30	Cisco WS-C2960-24TT-L	FOC1312W0MB	12.2(35)SE5-LAN-BASE
31	Cisco WS-C2960-24TT-L	FOC1312W0HV	12.2(35)SE5-LAN-BASE
32	Cisco WS-C2960-24TT-L	FOC1134X0V3	12.2(35)SE5-LAN-BASE
33	Cisco WS-C2960-24TT-L	FOC1312Z04B	12.2(35)SE5-LAN-BASE